

City of



Zonolite
Minneapolis

DEPARTMENT OF INSPECTIONS

DONALD A. ERICKSON, DIRECTOR
220 GRAIN EXCHANGE 330-2642
MINNEAPOLIS, MINNESOTA 55415

April 13, 1971

US EPA RECORDS CENTER REGION 5



434035

MEMORANDUM

Subject: W. R. Grace Co., Zonolite Division
Building Products Plant
1720 Madison St. N.E., Minneapolis, Minn.

From: Robert M. Kuphal, P.E.
Engineer, Air Pollution Control Div.
City of Minneapolis, 220 Grain Exchange
Minneapolis, Minnesota

On Wednesday, April 7, 1971, a meeting was held at the above premises to discuss the present conditions and future plans regarding the emission of prohibited particulates from the subject mica expanding plant. This meeting was called as a result of a violation and resulting ordinance violation tag written by the City of Minneapolis Air Pollution Control Division.

Present at this meeting were:

Robert L. Lines, Supervisor, City of Minneapolis Air Pollution Control Division.

Robert M. Kuphal, P.E., Engineer, City of Minneapolis Air Pollution Control Division

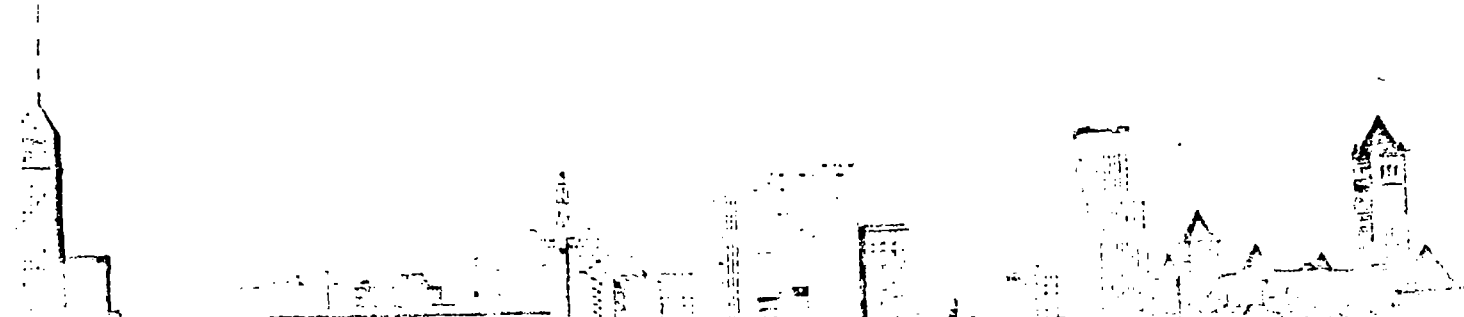
S. S. Sivanich, Alderman, First Ward, City of Minneapolis

Tibor Kosa, P.E., State of Minnesota Pollution Control Agency, Engineering and Enforcement Section

R. Lindall, State of Minnesota Assistant Attorney General, Pollution Control Agency

Don Nyvold, W. R. Grace Co., Minneapolis Plant Manager

Fred W. Eaton, W. R. Grace Co., Project Engineer



A general discussion of the past, present and future conditions at the plant took place with the following points agreed upon by all parties:

1. W. R. Grace Co. will do all possible in the interim to operate the plant to prevent emission of particulates. (Some corrective measures have already been accomplished, such as closing the openings in the cupola on top of the building) Also when the wind blows toward the residential area, the Perlite expander will not be operated.

2. W. R. Grace Co. will re-evaluate the original stipulation agreed to between the W. R. Grace Co., the City of Minneapolis and the State of Minnesota Pollution Control Agency that this plant would be shut down by July 7, 1972, and a new plant be built elsewhere.

The re-evaluation will be to determine if it is possible to rebuild the present plant and be in compliance by July 7, 1972, or to build the new plant as originally planned.

Mr. Eaton felt that if the old plant could be rebuilt for under \$300,000, the company would be willing to rebuild. Alderman Sivanich expressed the opinion that he would prefer to have the old plant rebuilt than to have the company move out of the City, providing complete compliance would be possible.

All parties agreed to allow the company until June 1, 1971, to re-evaluate. The company agreed that under any conditions the plant will be in compliance by July 7, 1972, or shut down.

3. If the company chooses to build elsewhere, the State (Mr. Tibor Kosa) strongly recommended that an interim solution such as a bag filter (cost of under \$10,000) be installed at the present site, otherwise further action against the company may be necessary. Mr. Eaton agreed to bring this to the attention of his principals.

The answer to all the above questions will be forthcoming on June 1, 1971.

Respectfully submitted,

R. M. Kuphal, P.E.
City of Minneapolis
Air Pollution Control Div.

RMK/d

ALLEGED ORDINANCE VIOLATION REPORT

Defendant's Name W. R. GRACE CO.

Address 1720 Madison St. N. E.

Place of Violation 1720 Madison St. N. E.

Date and Time March 31, 1971 3:00 PM

Violation 180.010 Prohibited Emissions
 Chap. & Sec. # Short Description

Tag Number 916424

Tag Number
916424

Detailed Description

of Alleged Violation: On March 31, 1971 at 3:00 P.M., I and Robert Lines
went to the W. R. Grace Co. as the result of numerous complaints.
The ground was covered with expanded mica (Perlite). On closer
examination the source was determined to be a ventilator on the
roof of the building. There were no devices on this ventilator to
control the emissions of the expanded mica from this ventilator.
Three photos of the area were taken.

Witnesses (Name and Address): Robert L. Lines, Supervisor, Air Pollution
Control
(3 pictures)

Inspector Lowell R. Johnson #3960
Lowell R. Johnson - #3980
 Department of Inspections
 Air Pollution Control Division

*Just \$300 stayed
90 days
Judge Chapman wants
progress report every
few weeks.*

*74 909556
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Quality
Lanes*